

FLAME-RETARDANT RESIN COMPOSITION

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Abstract

PURPOSE: Resin compositions resisting thermal discoloration and impact and selfextinguishing even when they are formed into thin films, which are composed of an aromatic polycarbonate, a butadiene graft copolymer, a flame retarder and a metal salt.

CONSTITUTION: To 100 parts by wt of resin composition comprising (A) 4-94wt% of an aromatic polycarbonate, (B) 0-90wt% of an aromatic polyester, (C) 1-50wt% of a butadiene graft copolymer that is prepared by grafting monomers selected from methacrylic esters, aromatic monovinyl compounds, vinyl cyanides onto a butadiene polymer, and (D) 5-30wt% of a flame retarder are incorporated (E) 0.01-10 parts of at least one selected from silicates, borates and carbonates of alkaline earth metals, zinc and aluminum. As the flame retarder, the use of a compound not to accelerate the ester interchange reaction is preferred.

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